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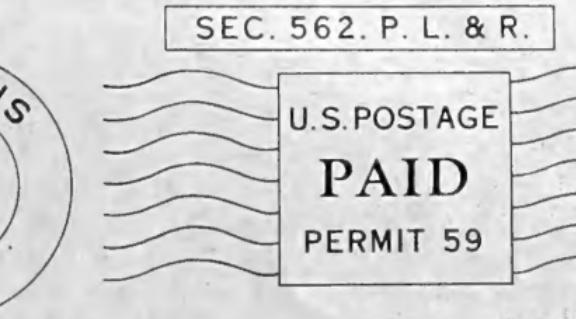
Ed.F.Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds



Important!

Market Quotations



SEC. 562. P. L. & R.



MISSOURI SEED PERMIT NO. 12

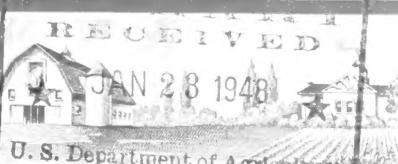
WHOLESALE FIELD AND GRASS SEEDS

WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHANGES. PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 15 CENTS FOR EACH PACKAGE OF 60 POUNDS OR LESS. PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE. WE SELL TO DEALERS ONLY.

1020 So. Fourth St.

ST. LOUIS, MO.

Telephone L.D. 94-
Main 0500



U. S. Department of Agriculture

Jan. 14, 1948

62.47
List No. 580

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Jan. 14, 1948

ALL SEEDS BILLED GROSS FOR NET - BAGS INCLUDED - NO CHARGE IS MADE FOR BAGS

ALFALFA U. S. Verified Origin

		Per 100 lbs.
Kansas	M Brand	\$31.00
Colorado	"	33.00
Approved Oklahoma	"	27.00
New Mexico	"	24.00
North Dakota	"	47.00
Minnesota Grimm	"	48.00
*Buffalo, Certified		\$1.10 per lb.
*Ranger, "		1.00 "
*Packed in 30 lb. Sealed Bags.		

ARGENTINE, M BRAND, 22.00
Reprocessed, highest quality, stained 10% Red

INCLUDE INOCULATION, Order Group 1.

SWEET CLOVER

		Per 100 lbs.
M Brand Standard, "Mainly White"		\$18.50
" Yellow Blossom		18.00
" Mixed White and Yellow		17.50
" Unhulled		14.50
" Madrid Sweet Clover		22.00
" Hubam Annual		18.00

INCLUDE INOCULATION, Order Group 1.

RED CLOVER

		Per 100 lbs.
Medium, M Brand		\$64.00
Mammoth, "		65.00

INCLUDE INOCULATION, Order Group 2.

ALSIKE CLOVER

		Per 100 lbs.
M Brand		\$50.00

INCLUDE INOCULATION, Order Group 2.

LESPEDEZA

		Per 100 lbs.
Korean, M Brand		\$14.00
" Fancy		13.00
Korean, Hulled, M Brand		16.50
Lespedeza, Early 19604	"	Ask
SERICEA - Unhulled - M Brand		22.00
" - Scarified - "		29.00

INCLUDE INOCULATION, Order Group 3.

LADINO CLOVER

		Per Pound
Very Short Supplies	100 lbs. or more	Small Lots
M Brand,	\$2.35	\$2.45

LADINO CLOVER:

Taller, more luxuriant growth than ordinary White Dutch, therefore more suitable for hay or pasture. Dense growing habit, recovers rapidly after grazing. Grows wherever White Dutch thrives. May be seeded Spring or Fall. One to 2 lbs. per acre sufficient except where thick stand expected first year. Cover seed not over $\frac{1}{4}$ inch.

BIRD'SFOOT TREFOIL

		Broadleaf
100 lb. lot -		\$1.25 per lb.
Small lots -		1.40 "

CRIMSON CLOVER

Sold Out

WHITE DUTCH CLOVER

		Per 100 lbs.
M Brand	100 lbs. or More	25 lbs. or More

\$57.00 \$59.00 \$63.00

VETCH

		Per 100 lbs.
Hairy Winter Vetch		\$21.50
Common Vetch		10.00

Austrian Winter Peas 9.50

SEAMLESS BAGS

Per Bale 100 per bale.

Bemis "A" or Fulton "A" New 16-oz. \$63.75

BINDER TWINE

Per Bale 8 Lb. Balls

\$11.50

CLIPPER MILLS

No. 2 B. Clipper, \$62.00 Ea

No. 2 B. Special, with sacker 70.00

Motor and Drive for 2B 25.00 "

" " 2B Spec. 30.00 "

All cleaners are equipped with 12 screens.

M BRAND INOCULATION

Humus Culture for Legumes

Size Dealer Price Retail Price

Group 1-Alfalfa, Sweet Clover 1-bu. \$0.30 \$0.50

Group 2-Red, Alsfike, Crimson Clover 2½-bu. .54 1.00

Group 3-Lespedeza 100-lb. .30 .50

Group 4-Vetches, Austrian Peas, Garden & Canning Peas 100-lb. .34 .55

Group 5-Cowpeas 2-bu. .20 .30

Group 6-Soybeans 5-bu. .33 .55

30-bu. 1.90 3.00

The 30-bu. size may be sold as one unit, or as 6 separate 5-bu. pkgs.

TIMOTHY

	Per 100 lbs.		
	5 Bags or More	Bag	Lots
M Brand	\$8.00	\$8.25	
Fancy	7.50	7.75	
Choice	7.00	7.25	
Mixed Tim.-Alsike (20% Alsike)	16.50	17.00	

RED TOP

	Per 100 lbs.		
	5 Bags or More	Bag	Lots
M Brand	\$23.00	\$23.50	
Fancy	21.50	22.00	
Choice	20.00	20.50	
Unhulled	11.25	11.50	

KY. BLUE GRASS

	(Per 100 lbs.)
M Brand 21-lb (New crop)	\$33.00 \$33.50
Fancy 19-lb.	31.50 32.00
Superfine, Heavy	36.00 36.50

RYE GRASS

	Per 100 lbs.
Domestic, M Brand	\$10.00 \$10.25
Perennial, Blue Tag	14.75 15.00

ORCHARD GRASS

	Per 100 lbs.
M Brand	\$16.75 \$17.00

MEADOW FESCUE

	Per 100 lbs.
M Brand	\$15.00 \$15.25

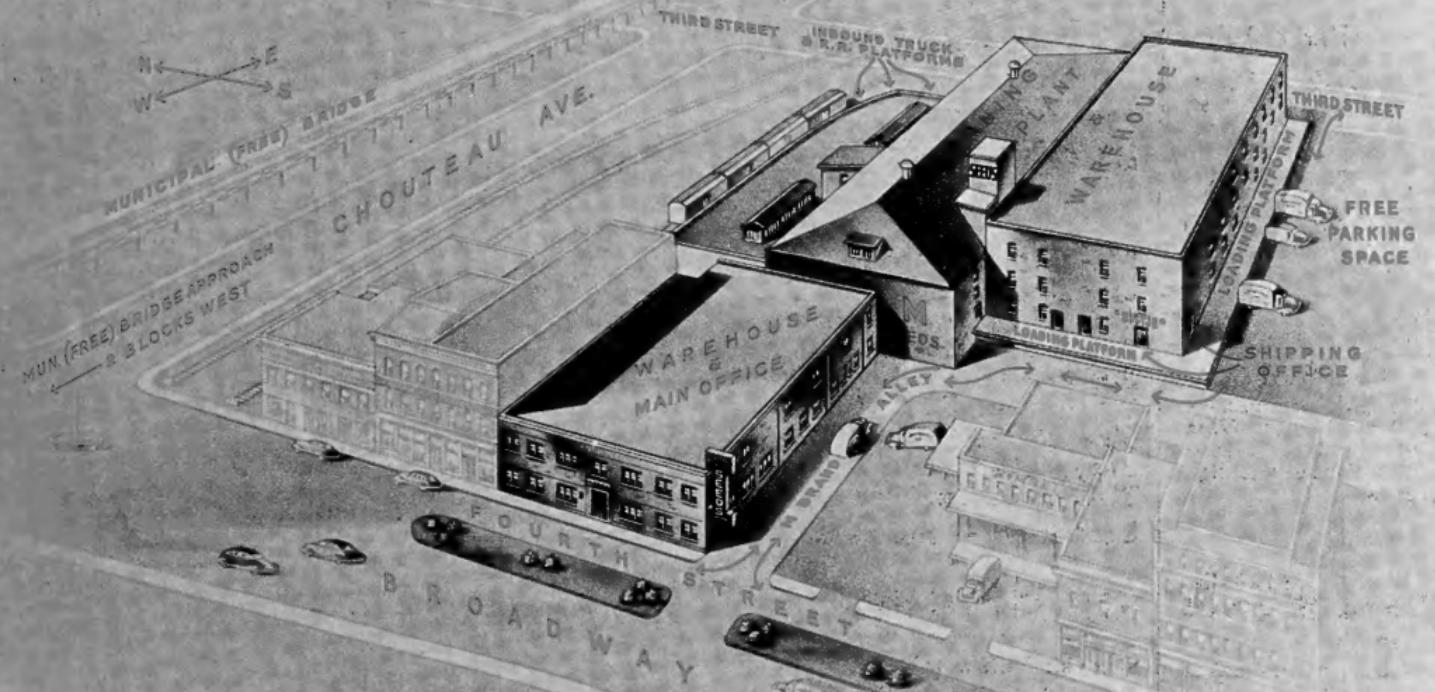
Also called English Blue Grass. Excellent permanent pasture grass similar to Orchard Grass in use. Wide adaptation to most soils. Does well on poorly-drained land. Is perennial (long lasting). Alta Fescue and Ky. 31 are selections from Meadow Fescue.

BROME GRASS

	Bags Included. Quack-free	Per 100 lbs.
Kansas (Southern type)	M Brand	\$20.00 \$20.50
Canadian		19.00 19.50

Brome-Alfalfa mixture better than straight Brome, at rate of 12 lbs. Brome and 4 lbs. Alfalfa per acre. Alfalfa furnishes nitrogen, keeps Brome from becoming "rod-bound."

PASTURE MIXTURE



OUR NEW ST. LOUIS PLANT

Convenient location: just south of Municipal (Free) Bridge—near truck depots, railroads, wholesale district—out of congested area.

Ample truck-loading space—**off the street**—with free parking lot. Two entrances—Fourth or Third St.—to platform which can serve 22 trucks at a time.

Railroad trackage alongside building. Bulk unloading provided for. Building contains 125,000 square feet. Newest types cleaning machinery, with arrangement for quick, efficient, economical handling and cleaning of seeds.

Large, modern, daylight seed-testing laboratory to control buying, cleaning and preparation of seeds to meet and surpass requirements of the Federal and various State seed laws.

St. Louis is close to the producing territory of a wide assortment of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us to offer first-hand at low prices.

In addition, we operate our large cleaning and storage plant at Atchison, Kansas, for handling and cleaning seeds originating in that area and the West. Atchison is in the northeast corner of Kansas, just across the Missouri line, in the center of the Blue Grass producing districts of Missouri, Kansas, Iowa and Nebraska.

ED. F. MANGELSDORF & BRO., INC.
1020 SOUTH FOURTH STREET
ST. LOUIS

Wholesale Only. Under same management in St. Louis since 1919.

SEED CHART

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SEEDING
ALFALFA.....	60	15-20	MARCH, MAY—AUGUST, SEPTEMBER
ALSIKE CLOVER.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
ATLAS SORGO.....	56	20-30	APRIL—JULY
BARLEY.....	48	72-96	MARCH, APRIL—SEPTEMBER
BERMUDA GRASS.....	40	5-10	MARCH—JUNE
BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	14	30-40	FEBRUARY, JUNE—AUGUST, OCTOBER
BROME GRASS.....	14	15-25	FEBRUARY, APRIL—AUGUST, OCTOBER
BUCKWHEAT.....	48	48-60	MAY—JULY
CANE, FODDER.....	50	50-65	MAY—JULY
CORN, FIELD.....	56	7-10	MAY—JULY
" ENSILAGE.....	56	30-35	MAY—JULY
CLOVER, ALSIKE.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
" BUR (HULLED).....	60	15-20	AUGUST—NOVEMBER
" CRIMSON.....	60	15-20	JULY—OCTOBER
" RED.....	60	10-12	JANUARY, APRIL—AUGUST, NOVEMBER
" SWEET.....	60	15-25	JANUARY, MAY—JULY, SEPTEMBER
" SWEET (UNHULLED).....	40	25-40	NOVEMBER—FEBRUARY
" WHITE (LAWNS: 1 LB. 400 SQ. FT.).....	60	3-5	FEBRUARY, JUNE—AUGUST, OCTOBER
COWPEAS (DRILLED).....	60	45-70	MAY—AUGUST
GROHOMA.....	56	20-30	APRIL—JULY
JOHNSON GRASS.....	28	20-30	APRIL—JULY
KAFFIR CORN—MILO MAIZE—HEGARI.....	56	20-30	MAY—JULY
LAWN GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	25	150-200	FEBRUARY, APRIL—AUGUST, OCTOBER
LESPEDAZA, KOREAN (MEASURED BU. 45 LBS.).....	25	15-25	FEBRUARY—MAY
" KOREAN (HULLED).....	60	10-15	FEBRUARY—MAY
MEADOW FESCUE (ENGLISH BLUE GRASS).....	24	25-35	MARCH, MAY—AUGUST, SEPTEMBER
MILLET, GERMAN.....	50	40-50	MAY—JULY
" HUNGARIAN.....	48	40-50	MAY—JULY
" JAPANESE.....	35	25-40	MAY—JULY
OATS.....	32	50-75	MARCH—MAY
ORCHARD GRASS.....	14	20-25	MARCH, MAY—AUGUST, OCTOBER
PASTURE MIXTURE.....	25	25-35	MARCH, JUNE—AUGUST, OCTOBER
RAPE, DWARF ESSEX.....	56	6-10	APRIL—SEPTEMBER
REDTOP, SOLID (MEASURED BU. 32 LBS.).....	14	8-12	FEBRUARY, JUNE—AUGUST, OCTOBER
" UNHULLED.....	14	20-30	FEBRUARY, JUNE—AUGUST, OCTOBER
REED CANARY GRASS.....	30	8-12	FEBRUARY, APRIL—AUGUST, SEPTEMBER
RYE, WINTER.....	56	60-90	JULY—NOVEMBER
RYE GRASS.....	24	25-35	FEBRUARY, JUNE—AUGUST, OCTOBER
SOYBEANS (DRILLED).....	60	30-60	MAY—AUGUST
SUDAN GRASS.....	40	15-30	APRIL—JULY
SUNFLOWER.....	22	3-6	MAY—JULY
TIMOTHY.....	45	8-12	FEBRUARY, MAY—AUGUST, NOVEMBER
VETCH, HAIRY WINTER.....	60	30-50	AUGUST—NOVEMBER

DETACH
AND
MAIL
YOUR
ORDER
ON
THIS
POST
CARD
WE
PAY
THE
POSTAGE

First Class
Permit No. 4
Sec. 510 P.L. & R.
Saint Louis,
Mo.

BUSINESS REPLY CARD

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

ED. F. MANGELSDORF & BRO., INC.
1020 SO. FOURTH ST.
ST. LOUIS, MO.



SEED DISINFECTANTS

CERESAN New Improved For Wheat, Barley and Oats. Easily and quickly applied. One pound treats 32 Bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
4-oz. can	\$ 0.35	\$ 2.55 per doz.	3 doz.
1-lb. "	.90	7.25 " "	1 "
4-lb. "	3.00	13.50 " $\frac{1}{2}$ "	$\frac{1}{2}$ "
8-lb. "	6.00	26.95 " $\frac{1}{2}$ "	6 "
40-lb. pail	26.40	21.10 per pkg.	1 per pkg.
100-lb. D.	61.00	50.50 " "	1 "

SEMESAN BEL New Improved — A Dip disinfectant for seed potatoes. (1 pound treats 60 to 80 Bushels.)

2-oz. pkt.	\$ 0.35	\$ 2.25 per doz.	12 doz.
1-b. can	1.85	14.65 " "	1 "
4-lb. "	6.35	28.50 $\frac{1}{2}$ " "	$\frac{1}{2}$ "
25-lb. pail	36.90	29.40 per pkg.	1 only

SEMESAN — A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

$\frac{1}{2}$ -oz. pkt.	\$ 0.12	\$.80 per doz.	12 doz.
2-oz. can	0.45	3.35 " "	3 "
12-oz. "	2.10	17.30 " "	1 "
4-lb. "	10.10	45.30 $\frac{1}{2}$ " "	$\frac{1}{2}$ "

REGULAR CERESAN — For Cotton, Millets, Sorghums. One pound treats 5 to 8 Bushels.

1-lb. can	\$ 0.85	\$ 7.05 per doz.	1 doz.
4 $\frac{3}{4}$ -lb. "	3.50	15.60 $\frac{1}{2}$ " "	$\frac{1}{2}$ "
25-lb. pail	16.10	12.75 per pkg.	1 only
100-lb. D.	57.75	47.20 " "	1 "

BARS SPROUT — A dust applied to Potatoes and other root crops to retard sprouting in storage.

	Dealer	Retail
12 oz. can	48 per case	\$ 8.00 Doz.
5 lb. "	4 " "	3.65 Ea.

2-4 DOW WEED KILLER — POWDER

(70% 2-4-Dichlorophenoxyacetic)

Powder form — 1 ounce to 5 gallons of water.

	Dealer	Retail
4-oz. cans (24 per case)	\$ 0.85 Ea.	\$ 1.40 Ea.
20-oz. " (12 " ")	2.05 "	2.55 "
10-lb. drums	14.20 "	18.00 "
50-lb. "	66.50 "	82.50 "

4-oz. can makes 20 gallons spray which covers approximately 4,500 square feet.

WEEDICIDE WEED KILLER

LIQUID REGULAR (2-4D)

(Dilute 1 oz. to 1 $\frac{1}{2}$ gal. water).

Size	Treats	Packed	Dealer	Retail
2-oz.	680 sq. ft.	2 doz.	\$ 1.80 Doz.	\$ 0.25 Ea.
8- "	2720 " "	1 "	7.20 "	1.00 "
1-qt.	$\frac{1}{4}$ -acre	6 only	12.60 "	1.75 "
1-gal.	1 acre	1 "	3.35 Ea.	5.00 "
5-gal.	5 acres	1 "	18.75 "	25.00 "

LIQUID CONCENTRATE (2-4D)

(Dilute 1 ounce to 6 gals. of water).

1-pt.	$\frac{1}{2}$ acre	1 doz.	\$ 21.60 Doz.	\$ 3.00 Ea.
1-qt.	1 "	6 only	39.60 "	5.50 "
1-gal.	4 acres	1 "	10.50 Ea.	14.00 "
5-gal.	20 "	1 "	46.90 "	62.50 "

ALL PRICES SUBJECT TO CHANGE

WITHOUT NOTICE

END O PEST

3 way protection for chewing insects, sucking insects and fungus diseases.

	Dealer	Retail
10 oz. Applicator Gun (24 per case)	\$ 10.95 Case	\$ 0.65 Ea.
10 oz. Refill Cartridge (24 per case)	8.40 "	.50 "
2 lb. Pouring Spout pkg. (12 per case)	10.50 "	1.25 "

KNOX-OUT STOCK AND BARN SPRAY

50% DDT — Wettable dust. Add to water for cattle and barns.

	Dealer	Retail
1-lb. (24 per case)	\$ 14.40 Case	\$ 0.90 Ea.
2-lb. (12 " ")	14.40 "	1.80 "

CYTOX — 50% DDT Wettable powder

	Dealer
4-lb. bags (12 per case)	\$ 1.84 per bag

FUMIGANTS

CYANOGAS, A-DUST (for pest control.)

CYANOGAS, G-FUMIGANT

[for mill and elevator fumigation.
State purpose for which desired.]

Size	Per Case	Dealer	Retail
4-oz.	1 dozen	\$ 2.80 Doz.	\$ 0.39 Ea.
1-lb.	4 "	7.00 "	.98 "
5-lb.	20 cans	2.50 Ea.	3.75 "
25-lb.	4 "	9.35 "	12.50 "
100-lb.	1 can	24.00 "	30.00 "

FOOT PUMP DUSTERS

	Dealer	Retail
\$ 8.25 Ea.	\$ 11.00 Ea.	